## EAST Search History

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	"5017996".pn. and external	US-PGPUB; USPAT; JPO	ADJ	ON	2008/10/01 08:39
L2	1	"5017996".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/10/01 08:39
L3	29	(bimos) and diffusion and (npn or n-p-n) and (diffusion same collector same emitter same base) and vertical	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/10/01 09:06
L4	1	327/530,538,539,540- 543,545,546.cds. and (fukuda near2 keiko).in.	US-PGPUB; USPAT	OR	ON	2008/10/01 09:47
S2	0	(band adj gap bandgap) adj2 (reference voltage circuit\$2) \$2TAT	US-PGPUB; USPAT	ADJ	ON	2008/01/18 08:36
S3	63241	(band adj gap bandgap) adj2 (reference voltage circuit\$2) \$2TAT	US-PGPUB; USPAT	OR	ON	2008/01/18 08:36
S4	6654	(band adj gap bandgap) adj2 (reference voltage circuit\$2) \$2TAT and 327/538,538.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/18 08:37
S5	862016	(band adj gap bandgap) adj2 (reference voltage circuit\$2) \$2TAT and voltage generation circuit and 327/538,538.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/18 08:37
S6	0	(band adj gap bandgap) adj2 (reference voltage circuit\$2) \$2TAT and voltage generation circuit and 327/538,538.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/01/18 08:37
S7	234	((band adj gap bandgap) adj2 (reference voltage circuit\$2) \$2TAT) and 327/538,538.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/18 08:38
S8	975	((band adj gap bandgap) adj2 (reference voltage circuit\$2) \$2TAT) and 327/530,538,539,540- 543,545,546.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/18 11:15
S9	0	("2007/0164809").URPN.	USPAT	ADJ	ON	2008/01/18 12:06
S10	4091	fukuda.in.	USPAT	ADJ	ON	2008/01/18 12:07
S11	26	fukuda.in. and "327".clas.	USPAT	ADJ	ON	2008/01/18 12:07
S12	1082112	voltage generat\$4 and 327/530,538,539,540- 543,545,546.ccls.	US-PGPUB; USPAT	OR	ON	2008/01/18 12:58

S13	1082094	voltage generat\$4 and (second transistor) and 327/530,538,539,540-543,545,546.cds.	US-PGPUB; USPAT	OR	ON	2008/01/18 12:59
S14	637	voltage generat\$4 and (second transistor) and 327/530,538,539,540-543,545,546.cds.	US-PGPUB; USPAT	ADJ	ON	2008/01/18 13:00
S15	0	voltage generat\$4 and (second transistor and foruth resistor) and 327/530,538,539,540-543,545,546.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/01/18 13:00
S16	68	voltage generat\$4 and (second transistor and fourth resistor) and 327/530,538,539,540-543,545,546.cds.	US-PGPUB; USPAT	ADJ	ON	2008/01/18 13:02
S17	0	("2006/0208790").URPN.	USPAT	ADJ	ON	2008/01/18 13:11
S18	1	("2003/0006831").URPN.	USPAT	ADJ	ON	2008/01/18 13:22
S19	1	"20030006831"	US-PGPUB; USPAT	ADJ	ON	2008/01/22 08:25
S20	65	coady.in.	US-PGPUB; USPAT	ADJ	ON	2008/01/22 08:25
S21	7	coady.in. and "327".clas.	US-PGPUB; USPAT	ADJ	ON	2008/01/22 08:26
S22	4651	(differential amplifier or op amp) near5 (CMOS or MOS or MOSFET or PMOS or NMOS or PMOSFET or NMOSFET)	US-PGPUB; USPAT	ADJ	ON	2008/01/22 10:50
S23	2255	(differential amplifier or op amp) near2 (CMOS or MOS or MOSFET or PMOS or NMOS or PMOSFET or NMOSFET)	US-PGPUB; USPAT	ADJ	ON	2008/01/22 10:53
S24	887	(differential amplifier or op amp) near2 (CMOS or MOS or MOSFET or PMOS or NMOS or PMOSFET or NMOSFET) and substrate	US-PGPUB; USPAT	ADJ	ON	2008/01/22 10:55
S25	341	(differential amplifier or op amp) near2 (CMOS or MOS or MOSFET or PMOS or NMOS or PMOSFET or NMOSFET) and semiconductor substrate	US-PGPUB; USPAT	ADJ	ON	2008/01/22 10:57
S26	0	(differential amplifier or op amp) near2 (CMOS or MOS or MOSFET or PMOS or NMOS or PMOSFET or NMOSFET) near "10" semiconductor substrate	US-PGPUB; USPAT	ADJ	ON	2008/01/22 10:57
S27	3	(differential amplifier or op amp) near2 (CMOS or MOS or MOSFET or PMOS or NMOS or PMOSFET or NMOSFET) near10 semiconductor substrate	US-PGPUB; USPAT	ADJ	ON	2008/01/22 10:58

S28	134	(differential amplifier or op amp) near2 (CMOS or MOS or MOSFET or PMOS or NMOS or PMOSFET or NMOSFET) and diffusion layer	US-PGPUB; USPAT	ADJ	ON	2008/01/22 11:03
S29	0	("2007/0052405").URPN.	USPAT	ADJ	ON	2008/01/22 11:11
S30	2	"2005258870"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/22 11:13
S31	0	first transistor near5 unit transistor	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/22 15:30
S32	0	transistor near5 unit near "5" parallel	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/22 15:30
S33	802	transistor near5 unit near5 parallel	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/22 15:31
S34	275	(transistor near5 unit near5 parallel) same plural\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/22 15:31
S35	2	"20060220634"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/23 08:21
S36	5845	327/530,538-543,545,546.ccls.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/23 10:51
S37	1291	257/197.ccls.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/23 10:51
S38	2	"20060220634"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/01/23 12:34
S39	92	327/211,212.ccls. and differential	US-PGPUB; USPAT	ADJ	ON	2008/06/23 10:33
S40	373	327/211,212.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/06/23 10:44
S41	24	("5440243"   "5461331"   "5461649"   "5497114"   "5517136"   "5760627").PN. OR ("6023179").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/06/23 13:13
S42	2	"20060220634"	US-PGPUB; USPAT	ADJ	ON	2008/08/29 15:02
S43	2	("4292583").PN. OR ("7205755").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/29 15:02
S44	11	"20030006831"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/08/29 15:05
S45	1	"20030094933"	US-PGPUB; USPAT	ADJ	ON	2008/09/25 17:36
S46	91	"3887863"	US-PGPUB; USPAT	ADJ	ON	2008/09/25 17:37
S47	1	"3887863".pn.	US-PGPUB; USPAT	ADJ	ON	2008/09/25 17:37
S48	67	("3617859"   "3754181").PN. OR ("3887863").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/25 17:47
S49	1	"20030094933"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/25 21:59
S50	250	327/530,538-543,545,546.cds. and differential same CMOS	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:06

S51	1	"20060138460"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:12
S52	2	"20060220634"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:12
S53	0	("323" or "327" or "326").ccls. and CMOS same differential	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:18
S54	3026	("323" or "327" or "326") clas. and OMOS same differential	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:18
S55	901	("323" or "327" or "326").clas. and CMOS same differential amplifier	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:18
S56	937	("323" or "327" or "326").clas. and CMOS same differential amplif\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 2 <b>2</b> :19
S57	890	("323" or "327" or "326").clas. and CMOS same differential amplif\$4 and reference	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:20
S58	641	("323" or "327" or "326").clas. and CMOS same differential amplif\$4 and semiconductor	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:20
S59	76	("323" or "327" or "326").clas. and CMOS same differential amplif\$4 and semiconductor and diffusion	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:21
S60	4	"7205755"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:23
S61	29	("3586987"   "3976896"   "4263519"   "4317054"   "4349778"   "4375595"   "4571507"   "4577119"   "4588941"   "4751454").PN. OR ("5132556").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/25 22:28
S62	50	("3887863"   "4059793"   "4064448"   "4087758"   "4146903"   "4191900").PN. OR ("4317054").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/25 22:32
S63	27	("3757239"   "3972006").PN. OR ("4087758").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/25 22:46
S64	34	("3976896"   "4087758").PN. OR ("4250445").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/25 22:48
S65	183	("323" or "327" or "326").clas. and CMOS same bandgap voltage	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:52
S66	122	("323" or "327" or "326").clas. and (OMOS same bandgap voltage) and semiconductor	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:53
S67	9647	takiguchi	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:59
S68	2	"6511889"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 22:59

S69	18	("323" or "327" or "326").clas. and (CMOS same bandgap voltage) and semiconductor and	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 23:03
S70	44	CMOS near4 amplif\$4  ("323" or "327" or "326").clas. and (bandgap voltage) and semiconductor and CMOS near4 amplif\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/25 23:06
S71	4	"6593790"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/26 01:01
S72	6298	327/313,530,538-543,545,546. ccls.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/26 14:29
S73	13	327/313,530,538-543,545,546. ccls. and voltage reference and cmos amplif\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/26 14:35
S74	15	327/313,530,538-543,545,546. ccls. and (voltage reference or bandgap) and cmos amplif\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/26 14:35
S75	3	"20060220634"	US-PGPUB; USPAT; JPO; DERWENT	ADJ	OFF	2008/09/26 15:24
S76	1	327/313,530,538-543,545,546. ccls. and (voltage reference or bandgap) and cmos amplif\$4 and lateral transistor	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 14:25
S77	1	"5132556".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 14:46
S78	10	("3586987"   "3976896"   "4263519"   "4317054"   "4349778"   "4375595"   "4571507"   "4577119"   "4588941"   "4751454").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/29 14:46
S79	1	"5132556".pn. and lateral	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 15:15
S80	1	"5132556" and lateral and cmos and npn and mosfet	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 15:51
S81	15	cmos amplifi\$4 and NPN and lateral	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:16
S82	83	cmos amplifi\$4 and NPN	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:23
S83	0	cmos amplifi\$4 and NPN substrate	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:24
S84	43	cmos amplifi\$4 and NPN and substrate	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:24
S85	8	cmos amplifi\$4 same NPN	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:28
S86	77	cmos amplifi\$4 and NPN and (bandgap or reference)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:29
S87	91	"3887863"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:43
S88	1	"3887863".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:43

S89	1	"20030094933"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:44
S90	0	npn near2 (bipolaror bi polar) same cmos same amplif\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:55
S91	0	npn near2 (bipolar bi polar) same cmos same amplif\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:55
S92	162	npn same (bipolar or bi polar) same cmos same amplif\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:55
S93	100	npn near3 (bipolar or bi polar) same cmos same amplif\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:55
S94	162	npn same(bipolar or bi polar) same cmos same amplif\$4	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:55
S95	113	(npn same (bipolar or bi polar) same cmos same amplif\$4) and semiconductor	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:56
S96	35	(npn same (bipolar or bi polar) same cmos same amplif\$4) and semiconductor and lateral	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 16:57
S97	29	"5011784"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:06
S98	1	"5011784".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:06
S99	36	("4239558"   "4529456"   "4667393"   "485244"   "4892836"   "4918026"   "4939099"   "4954456"),PN, OR ("5011784"),URPN,	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/29 17:13
S100	1	"4050965".pn.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/29 17:13
S101	43	"4050965"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:22
S102	1	"4050965".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:22
S103	0	npn near2 (bipolaror bi polar) same cmos same lateral	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:23
S104	0	npn near2 (bipolar bi polar) same cmos same lateral	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:23
S105	191	npn near2 (bipolar or bi polar) same cmos same lateral	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:23
S106	29	npn near2 (bipolar or bi polar) same cmos same lateral same nmos same pmos	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:24
S107	26	"5777362"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:34
S108	1	"5777362".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:34

S109	35	("4214359"   "4313126"   "4554512"   "4589004"   "5191396"   "5256893"   "5317182"   "5387875"   "5430316"   "5422370"   "5541429"   "H001435").FN. OR ("5777362").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/29 17:34
S110	26	"5777362"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/29 17:36
S111	1	"5777362".pn.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/29 17:36
S112	1	"20020030244"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/29 17:37
S113	62	npn near2 (bipolar or bi polar) same cmos same lateral and (n- well same p-well)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:40
S114	1	"20040256678"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:47
S115	0	("2004/0256678").URPN.	USPAT	ADJ	OFF	2008/09/29 17:50
S116	0	("2004/0256678").URPN.	USPAT	ADJ	OFF	2008/09/29 17:50
S117	1	"6924534".pn.	USPAT	ADJ	OFF	2008/09/29 17:50
S118	1	("6649983").PN. OR ("6924534").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/29 17:51
S119	0	npn same (bipolor or bi polar) same cmos same lateral same (p-well and n-well)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:53
S120	0	npn same (bipolor or bi polar) same cmos same lateral and (p- well and n-well)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:53
S121	45	npn same (bipolar or bi polar) same cmos same lateral same (p-well and n-well)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:53
S122	5	(bipolar or bi polar) same cmos same lateral npn same (p-well and n-well)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:54
S123	25	(bipolar or bi polar) same cmos same lateral npn and (p-well and n-well)	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:55
S124	20	(bipolar or bi polar) same cmos same lateral npn and (p-well and n-well) not S122	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/29 17:55
S125	1	"6924534".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 11:41
S126	1	("6649983").PN. OR ("6924534").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 11:41
S127	14	("6303420").PN. OR ("6649983").URPN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 11:41
S128	18	"10262567"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 11:42

77	("20020063267"   "20020063267"   "20020135023"   "20030132453"   "20030132453"   "20040032005"   "20040032005"   "20040032006"   "2005004281497"   "20050142794"   "20050142794"   "20050142792"   "4669178"   "4887142"   "4669178"   "4887142"   "456839"   "541895"   "55654571"   "5518420"   "5156369"   "5374569"   "51543942"   "541530"   "5485189"   "5478759"   "5418698"   "5478759"   "5547876"   "568421"   "5564574"   "5698458"   "5777362"   "579888"	US-PGPUB; USPAT; USOOR	ADJ	OFF	2008/09/30
	"20020135023"   "20030032371"   "20030032453"   "200300132453"   "20040032005"   "20040032066"   "20050032666"   "20050042815"   "20050142792"   "20050142792"   "4689178"   "4887142"   "4689178"   "4887142"   "4689178"   "4887420"   "5058417"   "5138420"   "5156989"   "5475696"   "5476989"   "5485027"   "5486328"   "547559"   "548761"   "5485027"   "548761"   "5485027"   "55748635"   "55642281"   "5564574"   "55694281"   "5574685"   "57564281"				
	"20030052371" "20030052371" "20030132453" "20040032005" "20040033666" "20040023666" "20050023606" "200500142792" "20050142792" "20050148939"  "4411058"  "4669178"  "49887142" "4988839"  "5041895" "5055417"  "5138420" "5156989"  "5041895" "5376816"  "5413944" "5414292"  "54160039" "548528"  "5439833" "5439842"  "5451530" "54578761"  "5478759" "545763"  "5478769" "55746845"  "55648281" "55614608"  "55648281" "55644574"  "55694581"				
	"20030132453"   "2004002305"   "20040023666"   "20040023666"   "20050023666"   "20050042815"   "20050042815"   "20050142724"   "20050142792"   "4669178"   "4887142"   "4968639"   "5041895"   "5055417"   "5138420"   "516988"   "5374698"   "5418292"   "5415039"   "5482632"   "541530"   "545158"   "5478759"   "54578761"   "5478759"   "54578761"   "5485027"   "55746828"   "556920"   "5573963"   "5648281"   "5564574"   "575698458"				
	"20040032005"   "20040033666"   "20040033666"   "20040251497"   "20050023606"   "200500142724"   "20050142792"   "20050142792"   "20050158939"  "4411058"   "4669178"   "4887142"   "4986839"   "5041895"   "5055417"   "5138420"   "5156989"   "5374569"   "5376816"   "5313942"   "5414292"   "5416039"   "547828"   "541530"   "5485189"   "5478759"   "5478761"   "5485027"   "5514608"   "55648281"   "55645474"   "55694581"   "55645474"   "55694581"   "5744845"   "5751054"				
	"20040033666"   "20040023606"   "20050023606"   "20050042815"   "20050142724"   "20050142792"   "4669178"   "4887142"   "466839"   "5041895"   "5055417"   "5047895"   "5055417"   "5374569"   "5376816"   "5413944"   "5414292"   "5416039"   "5426328"   "541530"   "5455189"   "5478759"   "54578761"   "5478759"   "54551469"   "5478759"   "5455450"   "5546020"   "5573963"   "5648281"   "55645674"   "556920"   "575746845"   "5751054"				
	"20040251497"   "20050023606"   "20050023606"   "200500142815"   "20050142724"   "20050142792"   "20050158939"   "4411058"   "4669178"   "4887142"   "46691839"   "5041895"   "5056417"   "5139420"   "5156989"   "5374569"   "5376616"   "54139442"   "5414292"   "5416039"   "5426328"   "5439833"   "5439942"   "541530"   "5451459"   "5478759"   "5478761"   "5485027"   "5514608"   "55648281"   "5563963"   "5564281"   "55645474"   "55694588"   "5744845"   "5751054"				
	"20050023606"   "200500142724"   "20050142724"   "20050142792"   "20050142792"   "44611058939"   "4411058"   "4668178"   "5041895"   "5058417"   "5148420"   "5158989"   "5374569"   "5158989"   "5374569"   "5376816"   "5413944"   "544292"   "5416039"   "5462328"   "5439833"   "5439842"   "5451530"   "5451599"   "5478759"   "54578761"   "5478759"   "54545189"   "5478759"   "55454698"   "55648221"   "55645674"   "55648221"   "55746845"   "5751654"				
	"20050042815"   "20050142724"   "20050142792"   "20050142792"   "20050158939"   "4411058"   "4669178"   "4987142"   "4986839"   "5041895"   "5055417"   "5138420"   "5159898"   "5374569"   "5478698"   "5478698"   "5478698"   "5416039"   "5486398"   "5416039"   "5486398"   "5416303"   "549942"   "541530"   "5451690"   "5478759"   "5451608"   "568920"   "5573963"   "5648281"   "55645374"   "5594564"				
	"20050142724"   "20050142792"   "20050158939"   "4411058"   "4669178"   "4597142"   "4968639"   "5041895"   "5055417"   "5138420"   "5156989"   "5374569"   "5376816"   "5413944"   "5414292"   "5410039"   "5426328"   "5439833"   "5439842"   "5451530"   "545159"   "5478759"   "5478761"   "5478759"   "54545618"   "5478759"   "545456476"   "55648281"   "55644628"   "55648281"   "55644574"   "55644581"   "5744845"   "5751054"				
	"20050142792" "4411058"   "4669178"   "4887142"   "4669178"   "4887142"   "4968639"   "50141895"   "5156989"   "5374569"   "5376816"   "5413944"   "5414292"   "5416039"   "5426326"   "5439833"   "5439842"   "5451530"   "545159"   "5478759"   "5451608"   "5569620"   "5573963"   "5648281"   "5564574"   "5594581"				
	"20050158939"   "4411058"   "4669178"   "4887142"   "4968639"   "5041895"   "5055417"   "5138420"   "5156989"   "5374569"   "5376616"   "5413944"   "5414292"   "5416039"   "5426328"   "5439833"   "5439842"   "5451530"   "5451599"   "5478759"   "54578761"   "5485027"   "5514608"   "5569200"   "5573963"   "5648281"   "56544547"   "5594858"   "5744845"   "5751054"				
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	"4968639"   "5041895"   "5055417"   "5138420"   "5156989"   "5374569"   "5376616"   "5413944"   "5414292"   "5416039"   "5426328"   "5439833"   "5439842"   "5451530"   "5451895"   "5478759"   "5478761"   "5485027"   "5514608"   "5569820"   "5573963"   "5648281"   "5654574"   "5698458"   "5748845"   "5751054"				
	"5056417" "5138420" "515698" "537686" "537686" "5413944" "5414292" "5416039" "5426328" "5439833" "5439842" "5451530" "545189" "5478769" "5478769" "5478761" "5564620" "5573963" "5648281" "55645474" "5594858" "5744845" "5751546"				
	"5156989"   "5374569"   "537659"   "5413944"   "5414292"   "5416039"   "5426328"   "5439842"   "5439842"   "5451830"   "545189"   "5478759"   "5478761"   "5546020"   "5514608"   "5569820"   "5573963"   "5648281"   "5698458"   "5748485"   "5751544"				
	"5376816" "5419944" "5414292" "541639" "5426328" "5439833" "5439842" "5451530" "5455189" "545769" "545769" "545769" "5514608" "55648281" "55648281" "5648281" "5744845" "5751546" "57575154"			***************************************	
	"5414292" "5416039" "5426328" "5439833" "5439842" "5431530" "5455189" "5478759" "5478761" "5485027" "5514608" "5569620" "5573963" "5548281" "5674848" "5751054"				
	"5426328"   "5439833"   "5439842"   "5451530"   "5451530"   "5451530"   "545159"   "5478759"   "5478761"   "5514608"   "5569620"   "5573963"   "5648281"   "5654574"   "5698458"   "5744845"   "5751054"				
	"5426328"   "5439833"   "5439842"   "5451530"   "5451530"   "5451530"   "545159"   "5478759"   "5478761"   "5514608"   "5569620"   "5573963"   "5648281"   "5654574"   "5698458"   "5744845"   "5751054"		***************************************	***************************************	
	"5439842"   "5451530"   "5455189"   "5478759"   "5478761"   "5485027"   "5514608"   "5569620"   "5573963"   "5648281"   "6654574"   "5698458"   "5744848"   "5751054"		***************************************	***************************************	
	"5455189"   "5478759"   "5478761"   "5485027"   "5514608"   "5569620"   "5573963"   "5648281"   "5654574"   "5698458"   "5744845"   "5751054"				***************************************
	"5478761"   "5485027"   "5514608"   "5569620"   "5573963"   "5648281"   "65634574"   "5598458"   "5744845"   "5751054"				***************************************
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	"5573963"   "5648281"   "5654574"   "5698458"   "5744845"   "5751054"				
	"5654574"   "5698458"   "5744845"   "5751054"				
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	"5///362"   "5/89/88"	9990	1		
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	"5898007"   "5966599"				
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	"6054374"   "6096625"	***************************************			
	"6207484"   "6251757"				
	"6303961"   "6365447"				
	"6391700"   "6391754"				
		200			
	["HE37424").PN.	ļ	1		1
419	cmos same lateral same npn	US-PGPUB;	ADJ	OFF	2008/09/30
		USPAT; USOCR			11:47
220	omos samo latoral samo ann	I IS DODI ID	ADI	OEE	2009/00/20
239			ALU	OFF	2008/09/30
	same substrate	USPAT; USOCH			11:49
1	"5,187,109".pn.	US-PGPUB;	ADJ	OFF	2008/09/30
		USPAT; USOCR			12:38
40	(himos) and diffusion and (non-		ADI	OEE	2009/00/20
49			ADJ	OFF	2008/09/30
		USPAT; USOCR			12:51
	base)			-	1
	239	"6054374"   "6096625"   "207484"   "625 175"   "6303961"   "6365447"   "6398275"   "647645"   "639275"   "647645"   "6501131"   "6586297"   "660399"   "6649983"   "6657242"   "6657262"   "6730964"   "6744250"   "6747319"   "6777758"   "6791147"   "6777758"   "6791147"   "6855995"   "6900091"   "694341"   "FE37424").PN.  419	"5811334" '5817546"   "6889007" '5966599"   "6017787" '6031267"   "604374" '16096625"   "6207484" '16296625"   "6207484" '16251757"   "6303961" '16365447"   "6392275" '16476457"   "651131" '1686297"   "6530699" '1649983"   "6657242" '16657962"   "6747319" '16777758"   "6747319" '16777758"   "6747319" '16777758"   "6730941" '16747250"   "6747319" '16777758"   "6790091" '16943413"   "RE37424").PN.   US-PGPUB; USPAT; USOCR   US-PGPUB; USPAT; USOCR	"5793085"   "5798295"   "5811334"   "5817546"   "5898007"   "5996599"   "6017787"   "6031267"   "6034374"   "6096625"   "6207484"   "6251757"   "639361"   "6355447"   "6391700"   "6391754"   "6391275"   "6476457"   "6391275"   "6476457"   "6501131"   "6585297"   "6630699"   "6647983"   "6657242"   "6657262"   "6730964"   "6744250"   "6747391   "6777758"   "6791147"   "6855985"   "6900091"   "6943413"   "F827424"),PN.    troms same lateral same npn   US-PGPUB; USPAT; USOCR   USPAT; USOCR    (bimos) and diffusion ame   US-PGPUB; USPAT; USOCR   USPAT; USOCR    (bimos) and diffusion ame   US-PGPUB; USPAT; USOCR   USPAT; USOCR    (bimos) and diffusion ame   US-PGPUB; USPAT; USOCR   USPAT; USOCR    (bimos) and diffusion ame   US-PGPUB; USPAT; USO	"5793085"   "5798295"   "5811334"   "5817546"   "5898007"   "5996599"   "6017787"   "6031267"   "6034374"   "6096625"   "6207484"   "6251757"   "639361"   "6355447"   "6391700"   "6391754"   "6391275"   "6476457"   "6391275"   "6476457"   "6392275"   "6476457"   "6501131"   "6585297   "6630699"   "6649983"   "6657262"   "6730964"   "6744250"   "673147"   "66777758"   "6791147"   "6855985"   "6790091"   "6943413"   "F237424"), RN.   #19

S134	40	(bimos) and diffusion and (npn or n-p-n) and (diffusion same collector same emitter same base) and (source and drain)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 12:52
S135	16	(bimos) and diffusion and (npn or n-p-n) and (diffusion same collector same emitter same base) and (source and drain) and lateral	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 12:52
S136	1	"20020030244"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 13:02
S137	16	"5,187,109"	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 13:03
S138	20	(bimos) and n-well and p-well and npn	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 13:04
S139	16	(bimos) and n-well and p-well and npn and diffusion	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 13:04
S140	20	(bimos) and (n-well or nwell) and (p-well or pwell) and npn and diffusion	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 13:04
S141	20	(bimos) and (n-well or nwell) and (p-well or pwell) and npn and diffusion and form\$3	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/09/30 13:16
S142	1	327/530,538-543,545,546.ccls. and (fukuda near2 keiko).in.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 15:17
S143	0	327/530,538-543,545,546.ccls. and (resist\$5 and mirror\$3 and saturation and current and parallel)".clm"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 15:19
S144	2	327/530,538-543,545,546.ccls. and (resist\$5 and mirror\$3 and saturation and current and parallel).clm.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 15:19
S145	1	"5017996".pn.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 16:04
S146	0	2006/0220634	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 16:15
S147	2	"20060220634"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 16:15
S148	8	"4292583"	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 16:17
S149	0	"45017996".pn. and diffusion	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 16:24
S150	1	"5017996",pn. and diffusion	US-PGPUB; USPAT; JPO	ADJ	ON	2008/09/30 16:24

<sup>10/1/2008 9:47:44</sup> AM

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